

HIGH SPEED DX TYPE TAPE READER

LUBRICATION

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1. GENERAL

1.01 This section provides lubrication procedures for high speed DX readers. This information was formerly covered in Sections 592-804-701 and 592-804-711.

1.02 Lubricate the unit prior to placing it in service. After a few weeks of service, relubricate to make certain all points receive lubrication. Thereafter, the regular lubrication interval should be as follows:

<u>Operating Speeds</u>	<u>Lubrication Intervals (Whichever Occurs First)</u>
* 2400 wpm	200 hours or 3 months
1200 wpm	400 hours or 6 months
3600 wpm	400 hours or 6 months
3000 wpm	400 hours or 6 months
** 2400 wpm	750 hours or 6 months
1200 wpm	1000 hours or 6 months

*For DX Units 1, 3, 4, and 804.
**For DX Units 800, 801, and 802.

1.03 Use universal gear lubricant EP80 TP77244 (only on DX1, 3, 4, or 804 readers) or TP318775 for the escapement wheel lubricator. KS7470 oil should be used at all other lubrication points indicating oil. Use KS7471 grease on all surfaces where grease is indicated.

1.04 All spring wicks and felt oilers should be saturated with oil, and the friction surfaces of all moving parts should be thoroughly lubricated.

1.05 The photographs show paragraph numbers referring to particular parts and mechanisms on the unit. The drawings indicate points to be lubricated, specific instructions, and type of lubrication. Parts in the line drawings are shown in an upright position, unless otherwise specified.

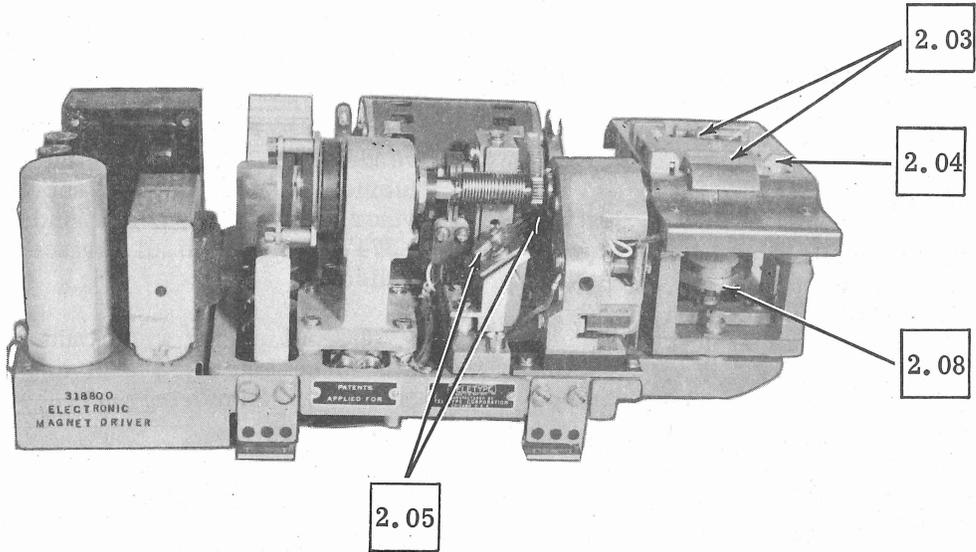
1.06 The lubrication symbols and directions listed below should be followed at intervals described in 1.02.

- O1 Apply 1 drop of oil.
- O2 Apply 2 drops of oil.
- O3 Apply 3 drops of oil, etc.
- SAT Saturate (felt oilers and wicks) with oil (KS7470).
- EP80 Use as directed from 4 oz container (TP318775).
- G Apply thin film of grease.

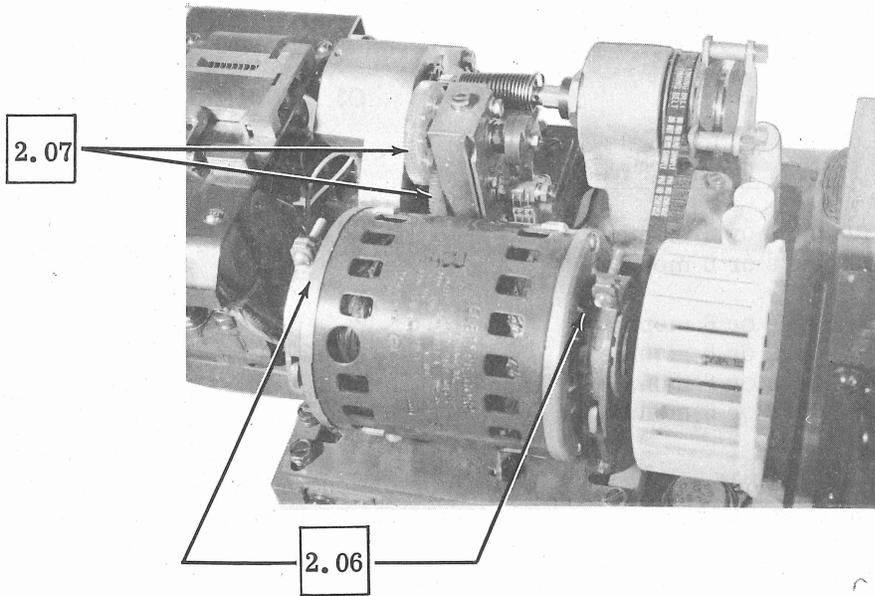
Note: Exercise care to avoid getting oil or grease between electrical contacts, stepper magnet coils, and armature. Avoid excessive lubrication which might result in lubricant dripping or being thrown on other parts.

2. LUBRICATION

2.01 High Speed Tape Reader — Left Side View

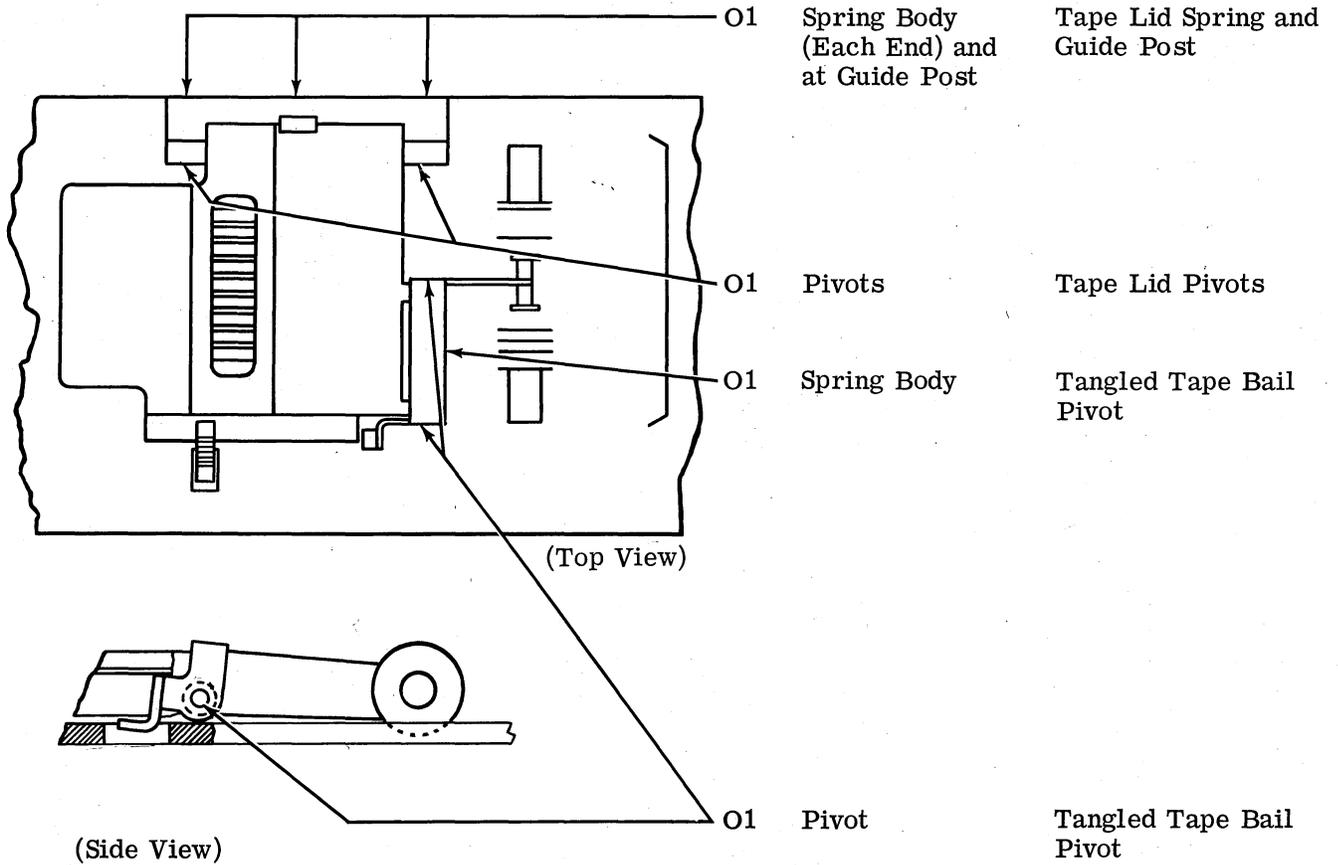


2.02 High Speed Tape Reader — Right Side View

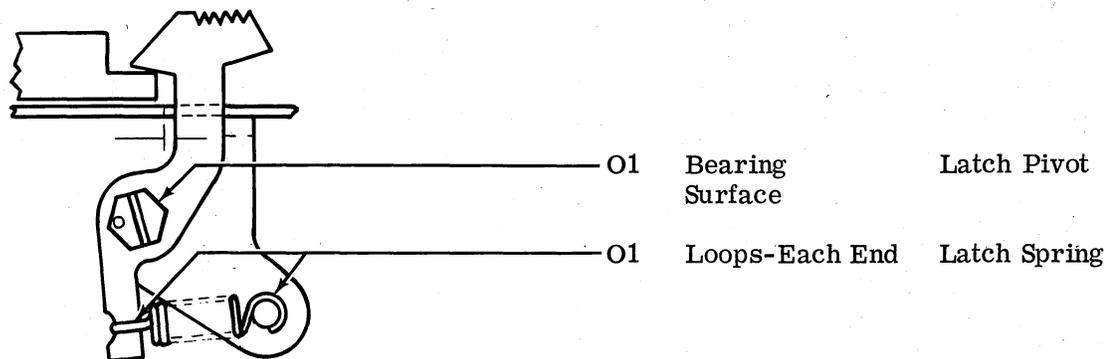


2.03 Tape Lid Mechanism

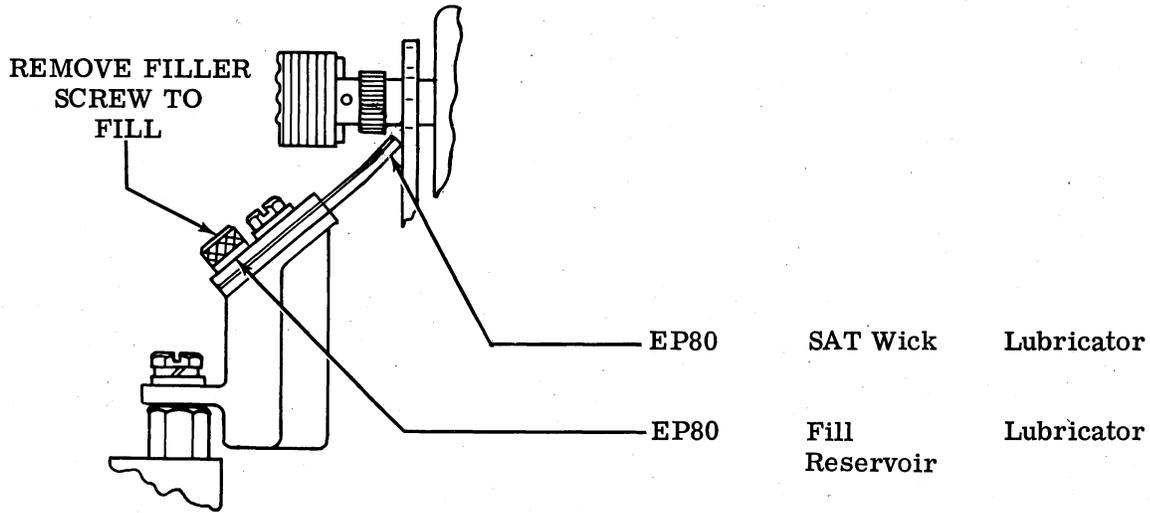
CAUTION: Disconnect power from unit before lubricating.



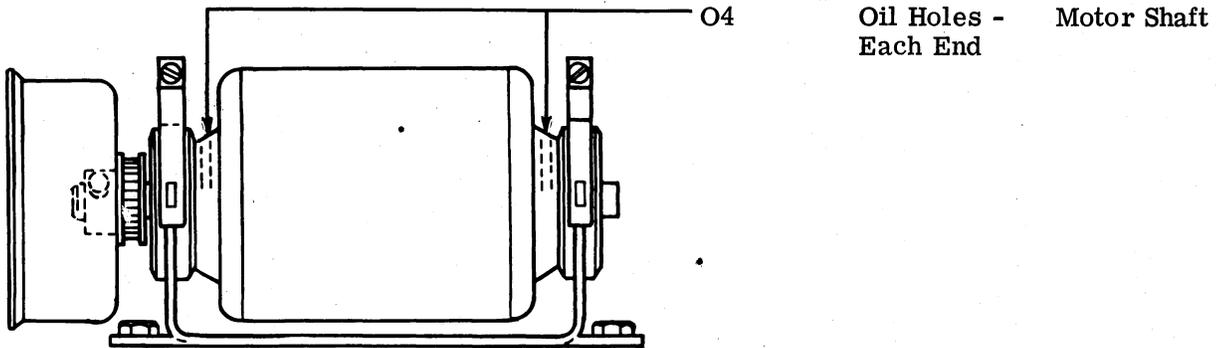
2.04 Tape Lid Latch Mechanism



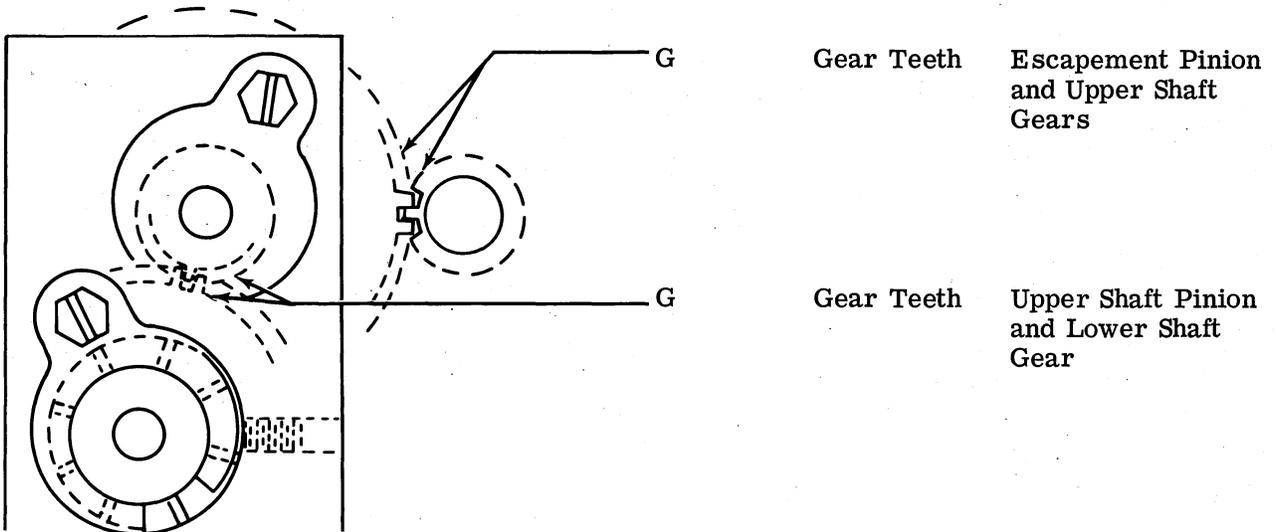
2.05 Escapement Wheel Lubricator



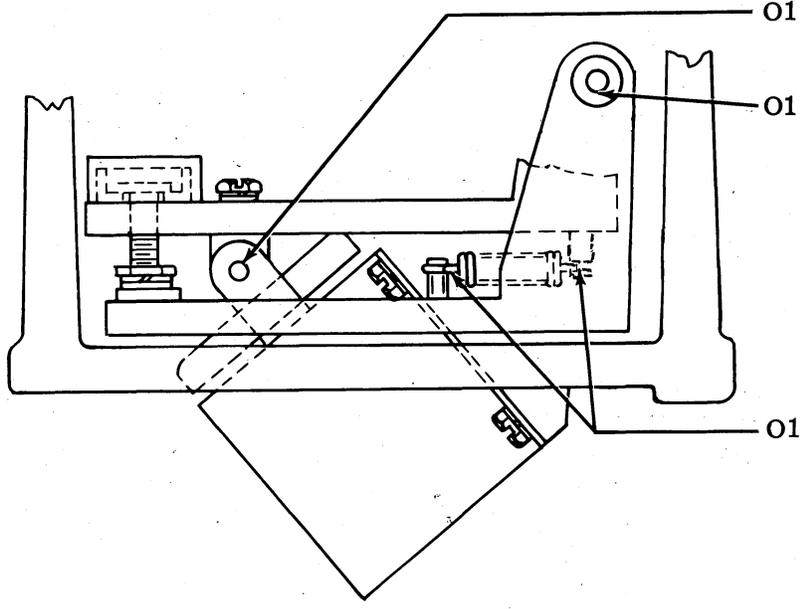
2.06 Motor Bearings (DX Units 1, 3, 4, and 804 Only)



2.07 Block Counter Mechanism (DX Units 1, 3, 4, and 804 Only)



2.08 Contact Retractor Mechanism (DX4 only)



- Pivots (2) Solenoid Pivots
- Pivots (2) Retractor Mechanism Pivots
- Loops (4) (Each End) Retractor Springs (2)